BRAIN RESEARCH
MOLECULAR BRAIN RESEARCH

VOL. 101 NOS. 1,2 **CONTENTS** **30 MAY 2002**

Cited in Biological Abstracts (BIOSIS) – Chem. Abstracts – Index Medicus (MEDLINE) – Current Contents (Life Sci.) – EMBASE/Excerpta Medica – Psychological Abstracts (PsycINFO) – Pascal et Francis (INIST-CNRS) – RIS (Reference Update) – Elsevier BIOBASE/Current Awareness in Biological Sciences. Full text available in ScienceDirect® and Neuroscion

Announcements

Publisher's Note v

Publisher's Announcement vi

Brain Research Interactive Young Investigator Awards vii

Brain Research Interactive Young Investigator Awards – November 2001 viii

Awards ix

Call for Papers – Gene Expression Patterns x

Guide for Authors xi

Themes and Topics xvi

Research reports

Small conductance calcium-activated potassium channels of trout CNS: molecular structure, developmental expression, and partial biophysical characterization
F. Panofen, T. Piwowarski, G. Jeserich (Germany) 1

Identification of differentially expressed genes induced by transient ischemic stroke
D.A. Schwarz, G. Barry, K.B. Mackay, F. Manu, G.S. Naeve, A.M. Vana, G. Verge, P.J. Conlon, A.C. Foster, R.A. Maki (USA) 12

Localization of pore-forming subunit of the ATP-sensitive K^+-channel, Kir6.2, in rat brain neurons and glial cells
M. Zhou, O. Tanaka, M. Suzuki, M. Sekiguchi, K. Takata, K. Kawahara, H. Abe (Japan) 23

Absence of pineal-independent mediation of seasonal differences in suprachiasmatic nucleus AVP and VIP mRNA expression in Siberian hamsters
D.A. Freeman, J.M. Herron, M.J. Duncan (USA) 33

G protein-coupled receptor kinases, β-arrestin-2 and associated regulatory proteins in the human brain: postmortem changes, effect of age and subcellular distribution
M. Grange-Midroit, J.A. García-Sevilla, M. Ferrer-Alcón, R. La Harpe, C. Walzer, J. Guimón (Switzerland) 39

Fatty acid synthase expression during peripheral nervous system myelination
J. Salles, F. Sargueil, A. Knoll-Gellida, L.A. Witters, M. Shy, H. Jiang, C. Cassagne, B. Garbay (France, USA) 52

Increased expression of mitochondrial respiratory enzymes in the brain of epilepsy-prone, naive EL mice
Y. Nakagawa, T. Mishima, Y.L. Murashima, K. Nakano (Japan) 59

Localization of adenylyl cyclase proteins in the rodent retina
R.M. Abdel-Majid, F. Tremblay, W.H. Baldridge (Canada) 62

Modified GFAP promoter auto-regulates tet-activator expression for increased transactivation and reduced tTA-associated toxicity
M.D. Barton, J.W. Dunlop, G. Psaltis, J. Kulik, L. DeGennaro, S.P. Kwak (USA) 71

Change of gene expression profiles in the retina following optic nerve injury
A.-G. Wang, C.-H. Chen, C.-W. Yang, M.-Y. Yen, W.-M. Hsu, J.-H. Liu, M.-J. Fann (Taiwan, ROC) 82

The cannabinoid agonist DALN positively modulates L-type voltage-dependent calcium-channels in N18TG2 neuroblastoma cells
V. Rubovitch, M. Gafni, Y. Sarne (Israel) 93

VEGF mRNA expressed in microvessels of neonatal and adult rat cerebral cortex
B.D. Hoehn, S.I. Harik,, A.G. Hudetz (USA) 103

(Contents continued inside)

0169-328X(20020530)101:1/2;1-W

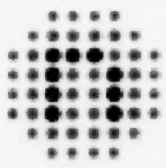
(contents continued)

Modulation of the membrane-binding projection domain of tau protein: splicing regulation of exon 3
M.C. Arikan, J. Memmott, J.A. Broderick, R. Lafyatis, G. Screaton, S. Stamm, A. Andreadis (USA, UK, Germany) 109
Changes in mRNA for choline transporter-like protein following facial nerve transection
Y.H. Che, T. Yamashita, H. Higuchi, M. Tohyama (Japan) 122
Axotomy does not up-regulate expression of sodium channel $Na_v1.8$ in Purkinje cells
J.A. Black, I. Dusart, C. Sotelo, S.G. Waxman (USA, France) 126

Short communications
Molecular cloning and expression of rat torsinA in the normal and genetically dystonic (dt) rat
P. Ziefer, J. Leung, T. Razzano, C. Shalish, M.S. LeDoux, J.F. Lorden, L. Ozelius, X.O. Breakefield, D.G. Standaert, S.J. Augood (USA, Germany) 132
Neuronal cells show regulatory differences in the hsp70 gene response
K. Kaarniranta, N. Oksala, H.M. Karjalainen, T. Suuronen, L. Sistonen, H.J. Helminen, A. Salminen, M.J. Lammi (Finland) 136

Erratum
Erratum to: The serotonin 5-HT2B receptor from the puffer fish *Tetraodon fluviatilis*: cDNA cloning, genomic organization and alternatively spliced variants. [Molecular Brain Research 97 (2001) 89–93]
S. De Lucchini, S. Marracci, I. Nardi (Italy) 141

Author index 142



To view articles from this journal, visit Neuroscion,
the comprehensive neuroscience information service on the web.

Register today at **www.neuroscion.com**

PII: S0169-328X(02)00245-0